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Nuclear Engineering

A PowerPoint presentation on various aspects of nuclear engineering history, put together for a talk at UNM. A section of the talk also focuses on William 'Deak' Parsons.



ENGINEERING STUDENT SUCCESS CENTER

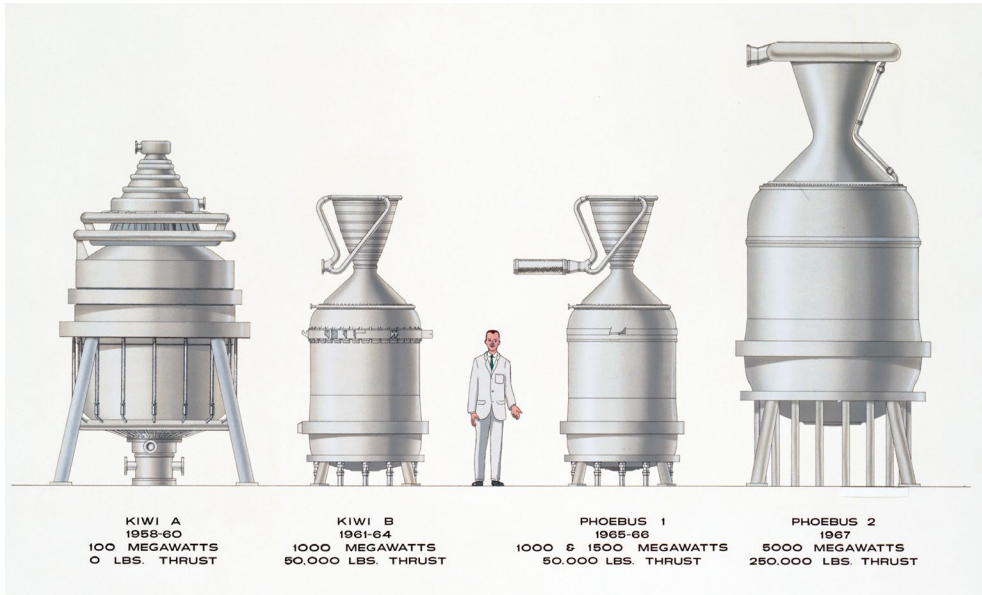
Nuclear Engineering History

MADELINE WHITACRE

LOS ALAMOS NATIONAL LABORATORY

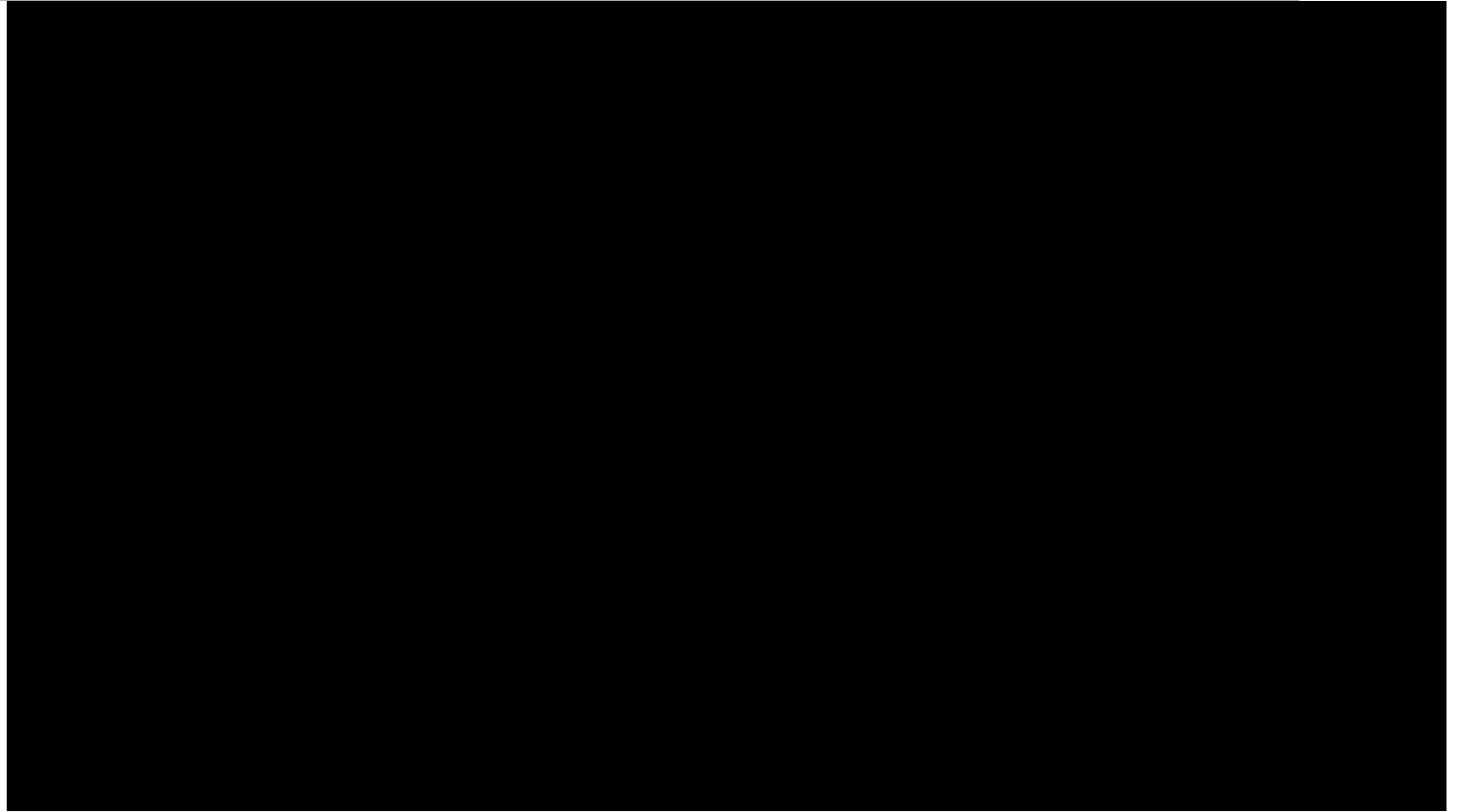
Project Rover

- 1956 – 1973
- Phoebus-2A: 4,080 MW during a 12 minute run

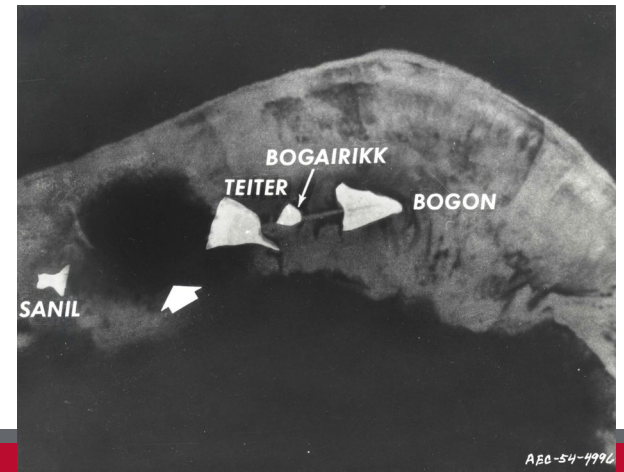
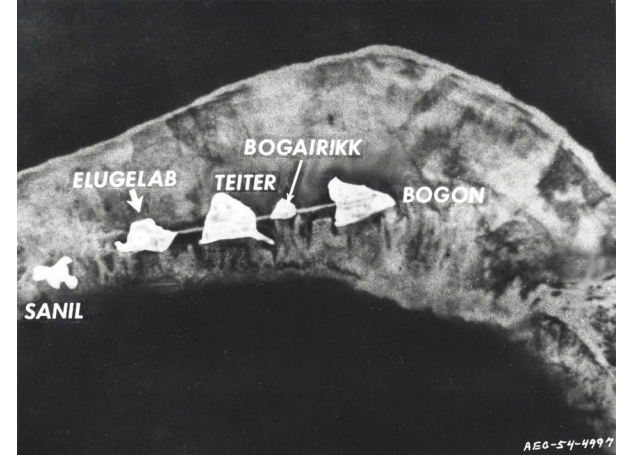


Kilopower

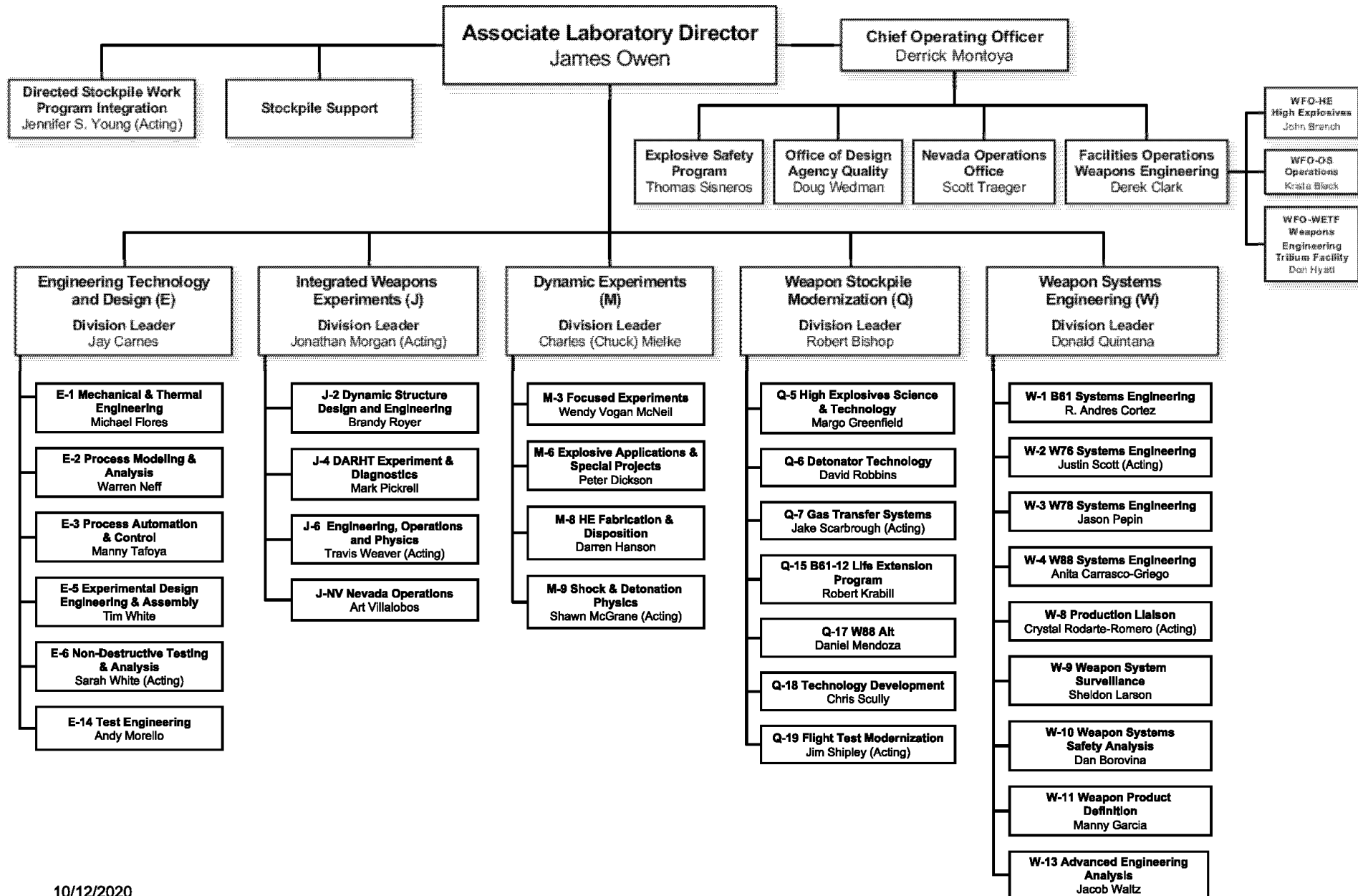
- 2015 – today
- Successful full-power experiment 2018

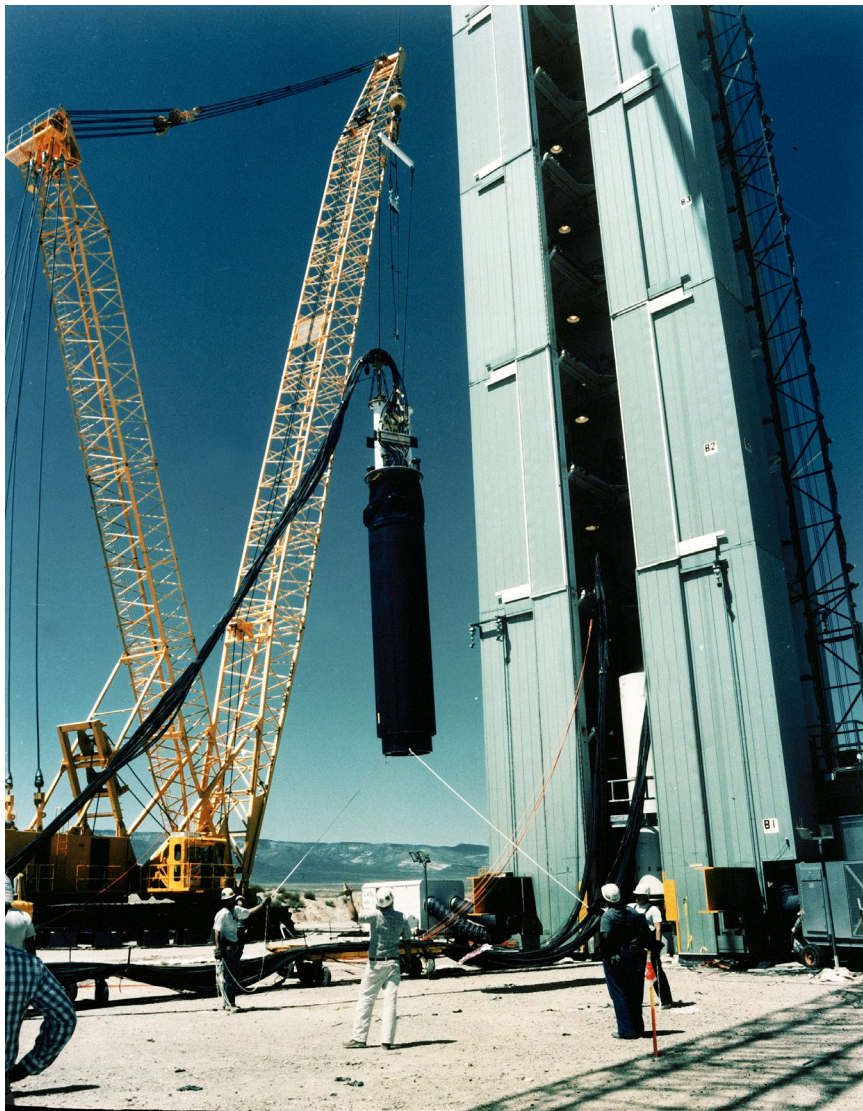


Weapons Engineering



ALDW – Weapons Engineering Directorate





Julin Divider shot tower



Subsidence craters at Yucca Flats

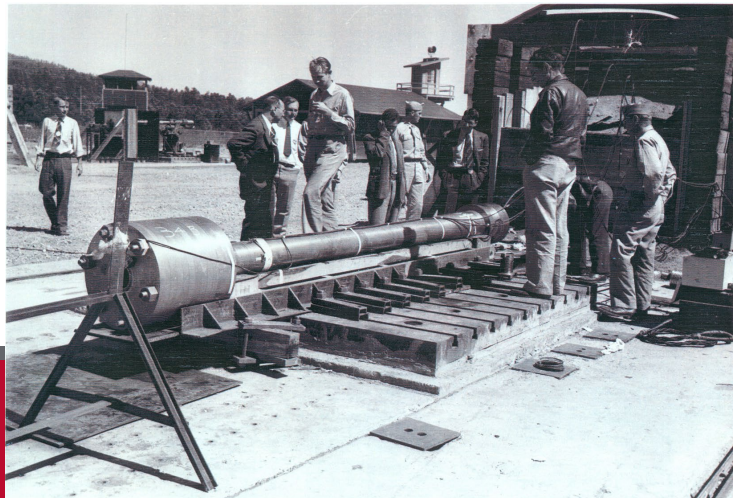
“It’s like having a 1985 Camaro that you have to guarantee will start if you turn the key but you can’t turn the key. You can take it apart and test the pieces but you can’t put it together and turn the key.”

- Keith Thomas

Capt. William 'Deak' Parsons



- U.S. Naval Academy
- Division Leader for Ordinance (E) Division
June 1943 – August 1944
- Division Leader for Ordinance (O) Division
August 1944 – August 1945
- Project Alberta





Crossroads Able



Crossroads Baker